

## Refine Search

### Search Results -

Terms	Documents
L5 and (tie or adhesive or bond\$3)	34

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L6 ▲ ▼





### Search History

DATE: Tuesday, June 14, 2005    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

<u>L6</u>	L5 and (tie or adhesive or bond\$3)	34	<u>L6</u>
<u>L5</u>	L4 and (@PY<2003)	41	<u>L5</u>
<u>L4</u>	L3 and (fuel or hydrocarbon or gas\$5)	54	<u>L4</u>
<u>L3</u>	L2 and ((\$4ethylene or HDPE) with conductiv\$3)	107	<u>L3</u>
<u>L2</u>	L1 and (aluminum or Al)	3673	<u>L2</u>
<u>L1</u>	428/35.9 or 428/461	3762	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L7 and @pd > 20041206	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
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Search:

L8

Refine Search

Recall Text

Clear

Interrupt

### Search History

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*updated 6/15/05*
**Set Name Query**

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**Hit Count Set Name**

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L8</u>	L7 and @pd > 20041206	0	<u>L8</u>
<u>L7</u>	L6 and (@PY<2002)	75	<u>L7</u>
<u>L6</u>	L5 and carbon fib\$4	153	<u>L6</u>
<u>L5</u>	L4 and ((tie or adhesive) with layer)	953	<u>L5</u>
<u>L4</u>	L3 and (fuel or gas\$5)	2792	<u>L4</u>
<u>L3</u>	L2 and (conductiv\$5 or resistiv\$5)	4410	<u>L3</u>
<u>L2</u>	L1 and (aluminum or aluminium or Al)	19932	<u>L2</u>
<u>L1</u>	(\$5layer or lamina\$4) and (high density polyethylene or HDPE)	26059	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

Terms	Documents
L3 and @pd > 20041206	0

Database:

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 EPO Abstracts Database  
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Search:

L4 ▲ ▼






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### Search History

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DATE: Tuesday, June 14, 2005

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*applied 6/15/05 fmr*
**Set Name Query**

side by side

**Hit Count Set Name**

result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L4</u>	L3 and @pd > 20041206	0	<u>L4</u>
<u>L3</u>	L2 and (conductiv\$5 or resistiv\$5)	6	<u>L3</u>
<u>L2</u>	L1 and (pipe or hose or tub\$5)	52	<u>L2</u>
<u>L1</u>	aluminum and high density polyethylene	312	<u>L1</u>

END OF SEARCH HISTORY

Day : Tuesday  
Date: 6/14/2005  
Time: 11:36:44

 **PALM INTRANET**

## Inventor Information for 10/621231

Inventor Name	City	State/Country
SMITH, CHRISTOPHER W.	LEXINGTON	TENNESSEE
SHIFMAN, JERRY	WILDERSVILLE	TENNESSEE
DUKE, JEREMY	LEXINGTON	TENNESSEE
MOBLEY, JOHN E.	LEXINGTON	TENNESSEE

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data
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Search Another: Application# or Patent# PCT /  / or PG PUBS # Attorney Docket # Bar Code # 

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## Refine Search

### Search Results -

Terms	Documents
L6 and (tie or adhesive or bond\$3)	0

Database:

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Search:

L7





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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
<u>L7</u>	L6 and (tie or adhesive or bond\$3)	0	<u>L7</u>
<u>L6</u>	L5 and (high density polyethylene or HDPE)	1	<u>L6</u>
<u>L5</u>	L2 and (Al or aluminum)	25	<u>L5</u>
<u>L4</u>	L3 and (Al or aluminum)	3	<u>L4</u>
<u>L3</u>	L2 and carbon	4	<u>L3</u>
<u>L2</u>	L1 and fuel	74	<u>L2</u>
<u>L1</u>	dayco\$.pa. or smith-c\$.in. or shifman-j\$.in. or duke-j\$.in. or mobley-j\$.in.	2477	<u>L1</u>

END OF SEARCH HISTORY

## Patent Assignment Abstract of Title

**Total Assignments: 1****Application #:** 10621231 **Filing Dt:** 07/15/2003**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** US20040028861 **Pub Dt:** 02/12/**Inventors:** Christopher W. Smith, Jerry Shifman, Jeremy Duke, John E. Mobley**Title:** Low permeation high density polyethylene tube with aluminum barrier layer**Assignment: 1****Reel/Frame:** 014522/0989 **Received:**  
09/29/2003**Recorded:**  
09/22/2003**Mailed:** 04/23/2004 **Pag****Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** SMITH, CHRISTOPHER W.**Exec Dt:** 07/21/2003SHIFMAN, JERRY**Exec Dt:** 07/21/2003DUKE, JEREMY**Exec Dt:** 07/21/2003MOBLEY, JOHN E.**Exec Dt:** 07/21/2003**Assignee:** DAYCO PRODUCTS, LLC

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